CIVIL AIM CONSULTANTS & ENGINEERS

(Building Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001-2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

QC ABSTRACT

Nameof Work: "Construction of Anganvadi Building at Srinivasapura in Kempegowda ward no-01 of Yelahanka Sub division", BBMP, Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes as per frequency	Actual No's of testes as per frequency	Testes Results
1	1:3:6	9.24 Cum	1	1	Pass
2	Steel	4252.73 Kgs	1	1	Pass
3	CC Blocks -8'	92.31 Sqm	1	1	Pass
4	CC Blocks -6'	47.04 Sqm	1	1	Pass
5	CC Blocks -4'	38.02 Sqm	1	1	Pass
6	M15	13.73 Cum	2	3	Pass
7	M25	39.39 Cum	4	6	Pass
8	CPVC Pipes-20mm	23.00 Mtr	1	1	Pass
9	PVC Pipes-100mm	12.00 Mtr	1	1	Pass
10	Ceramic Tiles	2.16 Sqm	1	1	Pass

Cubes

0-5 Cum	1Set
6-15 Cum	2Set
16-30 Cum	3Set
31-50 Cum	4Set

Add 1set for extra 50Cum

AG-01

A.E.E

For CIVIL AIM CONSULTANTS & ENGINEERS

Authorised Signatory

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Job No.: CACE/BBMP/LV/W.No.01/2022-23 Date: 15.02.2023

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
AGENCY	:	**Smt Likith V (Shree Byraveshwara Constructions),** Contractor, Bangalore.
NAME OF THE WORK	:	"Construction of Anganvadi Building at Srinivasapura in Kempegowda ward no-01 of Yelahanka Sub division", BBMP, Bangalore.
SAMPLE ID	:	Cement (Zuari OPC 53 Grade)
DATE OF MANUFACTURE	:	Jan – 2023
DATE OF TESTING	:	13.02.2023 TO 15.02.2023
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269-2015
1	a) Initial Setting Time	IS-4031 (Part -5)	142 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	340 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	3 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	31.50 %	-

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples collected at the site.

⇒ Any Query regarding the report must be reported within 30days from the date of testing.

E.E

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Job No.: CACE/BBMP/LV/W.No.01/2023-24 Date: 13.04.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Agency : Smt Likith V (Shree Byraveshwara Constructions), Contractor, Bangalore.

Name of the work : "Construction of Anganvadi Building at Srinivasapura in Kempegowda ward no-01 of Yelahanka Sub division", BBMP, Bangalore.

Sample ID : Cement Concrete for Column above Plinth Beam

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.03.2023	13.04.2023	8.170	599.7	26.65
2	16.03.2023	13.04.2023	8.195	601.4	26.73
3	16.03.2023	13.04.2023	8.201	607.3	26.99

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A.E.E

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Job No.: CACE/BBMP/LV/W.No.01/2022-23

Date: 01.06.2023

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Agency	: Smt Likith V (Shree Byraveshwara Constructions), Contractor, Bangalore.
Name of the work	: "Construction of Anganvadi Building at Srinivasapura in Kempegowda ward no-01 of Yelahanka Sub division", BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	04.05.2023	01.06.2023	8.185	380.2	16.90
2	04.05.2023	01.06.2023	8.192	384.7	17.10
3	04.05.2023	01.06.2023	8.197	389.5	17.31

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